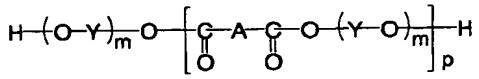
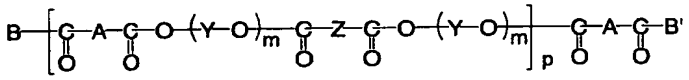
ABSTRACT OF THE DISCLOSURE

The present invention provides a diamine compound polymer and a method for producing the diamine compound polymer. The diamine compound polymer of the present invention has a condensed aromatic group represented by the following formulae (I-1) and (I-2).



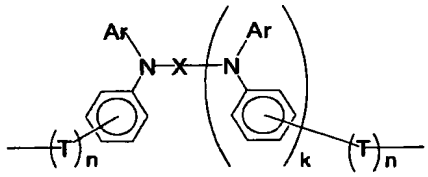
(I-1)



(I-2)

A represents a structure represented by the following formula (II-1). Y and Z represent divalent hydrocarbon groups. B and B' each independently represents a group represented by -O-(Y-O)m-H or -O-(Y-O)m-CO-Z-CO-OR', wherein R' is a hydrogen atom, an aralkyl group, an aryl group, or an aralkyl group. m represents an integer from 1 to 5; and p represents an integer from 5 to 5000.

(II-1)



Ar represents a monovalent aromatic group. X represents a divalent condensed aromatic group. T

represents a divalent linear hydrocarbon group having 1 to 6 carbon atoms or a divalent branched hydrocarbon group having 2 to 10 carbon atoms. k and n each represents an integer of 0 or 1.